

ABSTRACT OF THE DISCLOSURE

The present invention provides a method to extend enzyme activity and stability in highly acidic environment. Enzyme extracted from natural plants,
5 organic acids and polysaccharides are combined to form networked cross-linked polymers through cross-linkage structure, so the enzyme is stable and hard to decompose under acidic condition due to protection by networked cross-linked polymers. With increased activity and stability, the enzyme can extend its activity and residence time in alimentary canal to reach a long-term health-caring
10 effect.